IAP3 Rec'd POT/PTO 03 JAN 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007, OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES		ATTORNEY 'S DOCKET NUMBER ESEC-P245USw				
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO Aff known, see 87 6 FR 1.5) unassigned (110)				
INTERNATIONAL APPLICATION N		PRIORITY DATE CLAIMED				
PCT/EP2004/051330	July 1, 2004	July 4, 2003				
TITLE OF INVENTION Tool Head Comprising Piezoelectric	Actuators					
Tool Fload Complianing Fload County	77.00.000					
APPLICANT(S) FOR DO/EO/US						
Peter Hess						
Applicant herewith submits to the U	nited States Designated/Elected Office (DO/EO/US	6) the following items and other information:				
1. This is a FIRST submissi	on of items concerning a submission under 35 U.S	.C. 371.				
2. This is a SECOND or SU	BSEQUENT submission of items concerning a sul	omission under 35 U.S.C. 371.				
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected	I (Article 31).	·				
5. A copy of the Internation	al Application as filed (35 U.S.C. 371(c)(2))					
a. X is attached he	ereto (required only if not communicated by the Inte	ernational Bureau).				
b. has been con	De la la companya i catad ha dha latang di canal Russau.					
c. lis not require	d, as the application was filed in the United States	Receiving Office (RO/US).				
An English language tran	slation of the International Application as filed (35	U.S.C. 371(c)(2)).				
a. X is attached he	ereto.					
b. has been pre						
7. Amendments to the claim	ms of the International Application under PCT Artic	cle 19 (35 U.S.C. 371(c)(3))				
a. are attached	hereto (required only if not communicated by the Ir	nternational Bureau).				
b. have been co	b. have been communicated by the International Bureau.					
c. have not bee	c. have not been made; however, the time limit for making such amendments has NOT expired.					
d. have not bee	d. have not been made and will not be made.					
8. An English language tran	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).					
9. X An oath or declaration of	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below conce	rn document(s) or information included:	*				
11. An Information Disclosur	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. An assignment documen	12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.						
4. An Application Data Sheet under 37 CFR 1.76.						
15. A substitute specification.						
16. A power of attorney and/or change of address letter.						
17. A computer-readable for	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.					
18. A second copy of the pul	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19. A second copy of the En	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAP12 Rec'd PCT/PTO 03

Approved for use through 3/31/2007, OMB 0651-0051

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO. (if known, see 37 CFP, 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER

unassigned 10/363413, PCT/EP2004/051330					ESEC-P245USw			
20. Other items or information: Patent practitioners to be made of record								
The following	r fees have been si	ıbmitted:			Cal	culations	PTO use only	
The following fees have been submitted: 21. Basic national fee (37 CFR 1.492(a))\$300			\$	300	1 10 000 01119			
						300		
22. Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared								
by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)								
	·				\$	200		
. – ,	37 CFR 1.492(b)) the ISA/US or the i	nternational preli	iminary examination report pr	repared by				
IPEA/US indicate	s all claims satisfy	provisions of PC	T Article 33(1)-(4)	\$0				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100					\$	\$ 400		
International Search Re	eport prepared by a	n ISA other than	the US and provided to the 0	Office or	:			
1	previously communicated to the US by the IB							
Т	OTAL OF 21, 22 a	nd 23 =			\$	900		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence								
listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).								
Total Sheets	Extra Sheets	ch additional 50 sheets of paper or fraction thereof. a Sheets Number of each additional 50 or fraction RATE			ł			
			up to a whole number)					
- 100 =	/50 =	_		× \$250	\$			
			examination fee, or the oath	or declaration	\$ -			
after the date of comme		tional stage (37)	NUMBER EXTRA	RATE	ļ		L	
Total claims	NOMB	6 - 20 =	0	x \$50	\$	0	1	
Independent claims	3	1 - 3 =	0	× \$200	\$	0		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360			+ \$360	\$	 			
TOTAL OF ABOVE CALCULATIONS =				\$	900			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				450				
SUBTOTAL =				\$	450			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest			•					
claimed priority date (37 CFR 1.492(i)). + TOTAL NATIONAL FEE =			\$	450				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied			· · · · · · ·	700				
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$	450				
TOTAL FEES ENCLOSED =			\$ Amount	450				
				refunde Amount	d:	\$		
			·		charged		\$	

10/563413

Approved for use through 3/31/2007, OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. 🗌	a. A check in the amount of \$ to cover the above fees is enclosed.	sed.				
b. 🗌	Please charge my Deposit Account No. 50-1698 in the amount of \$ A duplicate copy of this sheet is enclosed.	to cover the above fees.				
c. 🛛	c. X The Commissioner is hereby authorized to charge any additional fees which may be requ	uired, or credit any				
	overpayment to Deposit Account No. 50-1698 . A duplicate copy of t	this sheet is enclosed.				
d. 🛚	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to and granted to restore the International Application to pending status.	o revive (37 CFR 1.137 (a) or (b)) must be filed				
SEND Day The P.C	SEND ALL CORRESPONDENCE TO: David B. Ritchie Thelen Reid & Priest LLP P.O. Box 640640 San Jose, CA 95164-0640	SIGNATURE David B. Ritchie NAME 31,562 REGISTRATION NUMBER				